



Reliable Products  
Trustworthy People

# Speed Sensor Selector Guide

Sensor (Click name to visit the web page)	Shaft Target	Sensing	Speed Signal Output		Housing			NRTL Haz-Loc Approvals
			Speed Signal	Output/ Interface	Type	Conduit Port?	Material	
<a href="#">ST420</a>	Magnetic Pulser		Analog	2-wire 4-20 mA	M18 x1 mm	No	SS	IS, Class II, II (UL)
<a href="#">ST420-LT, -DI</a>	Magnetic Pulser		Analog	2-wire 4-20 mA	M18 x1 mm	Yes	SS	DI, Class II (FM)
<a href="#">FB420</a>	Magnetic Pulser		Analog	3-wire 4-20 mA	XP	Yes	AL	XP, Class I, II (UL)
<a href="#">SpeedTalker(XP)</a>	Magnetic Pulser		16-bit digital (network)	DeviceNet	XP	Yes	AL	XP, Class I, II (UL)
<a href="#">SpeedTalker(BH)</a>	Magnetic Pulser		16-bit digital (network)	DeviceNet	M18 x1 mm	No	SS	
<a href="#">Series 18</a>	Magnetic Pulser	Hall Effect or Magneto-resistive	Frequency - Single or Quadrature	PNP or NPN	M18 x1 mm	Yes or No	SS	IS, Class I, II (FM pending)
<a href="#">906, 906 SS</a>	Magnetic Pulser	Hall Effect	Frequency - Single	NPN	3/4-16 (2.50 L)	No	AL or SS	
<a href="#">906B, 906B SS</a>	Magnetic Pulser	Hall Effect	Frequency - Quadrature	NPN	3/4-16 (2.50 L)	No	AL or SS	
<a href="#">907 XP</a>	Magnetic Pulser	Hall Effect	Frequency - Single	NPN	XP	Yes	AL	XP, Class I, II (UL)
<a href="#">907B XP</a>	Magnetic Pulser	Hall Effect	Frequency - Quadrature	NPN	XP	Yes	AL	XP, Class I, II (UL)
<a href="#">916</a>	Ferrous Pulser	Passive Coil	Frequency - Single	20V lim coil	3/4-16 (2.50 L)	No	AL	
<a href="#">917</a>	Ferrous Pulser	Passive Coil	Frequency - Single	20V lim coil	XP	Yes	AL	
<a href="#">931 XP</a>	Magnetic Pulser	Hall Effect	Frequency - Single	NPN	XP	Yes	AL	XP, Class I, II (UL)
<a href="#">932, 932 SS</a>	Magnetic Pulser	Magneto-resistive	Frequency - Single	NPN	3/4-16 (2.50 L)	No	AL or SS	
<a href="#">933 XP</a>	Magnetic Pulser	Magneto-resistive	Frequency - Single	NPN	XP	Yes	AL	XP, Class I, II (UL)
<a href="#">HE950</a>	Gear-Tooth	n/a	Frequency - Single	NPN	3/4-16 (2.50 L)	No	AL	
<a href="#">HE950-18</a>	Gear-Tooth	n/a	Frequency - Single	NPN	M18 x1 mm	No	SS	
<a href="#">1101</a>	Magnetic Pulser	Hall Effect	Frequency - Single	NPN	.437 smooth (2.00 L)	No	SS	
<a href="#">1101-RK</a>	Magnetic Pulser	Hall Effect	Frequency - Single	NPN	.437 smooth (3.75 L)	No	SS	
<a href="#">1102</a>	Magnetic Pulser	Magneto-resistive	Frequency - Single	NPN	.437 smooth (2.00 L)	No	SS	
<a href="#">1102-RK</a>	Magnetic Pulser	Magneto-resistive	Frequency - Single	NPN	.437 smooth (3.75 L)	No	SS	
<a href="#">1201</a>	Magnetic Pulser	Hall Effect	Frequency - Quadrature	NPN	.437 smooth (3.75 L)	No	SS	
<a href="#">1202</a>	Magnetic Pulser	Hall Effect	Frequency - Quadrature	NPN	.437 smooth (5.50 L)	No	SS	
<a href="#">608, 608-1 prox</a>	Ferrous Pulser	Prox (-1 shielded)	Frequency - Single	NPN	M8 x1 mm (30 L)	No	Ni, Plastic	
<a href="#">612, 612-1 prox</a>	Ferrous Pulser	Prox (-1 shielded)	Frequency - Single	NPN	M12 x1 mm (35 L)	No	Ni, Plastic	
<a href="#">618, 618-1 prox</a>	Ferrous Pulser	Prox (-1 shielded)	Frequency - Single	NPN	M18 x1 mm (40 L)	No	Ni, Plastic	
<a href="#">630, 630-1 prox</a>	Ferrous Pulser	Prox (-1 shielded)	Frequency - Single	NPN	M30 x 1.5 mm (60 L)	No	Ni, Plastic	
<a href="#">380 Encoder</a>	n/a	n/a	Frequency - Single or Quadrature	NPN	.375 shaft	No	AL	
<a href="#">470 Encoder</a>	n/a	n/a	Frequency - Quadrature with Z	NPN	.375 shaft (HD)	No	AL	
<a href="#">DRK-56C, -143TC</a>	199SM Magwheel	1101/2 or 1101/2-RK	Frequency - Single	NPN	NEMA 56C, 143TC	Yes	AL	
<a href="#">QDK-56C, -143TC</a>	199SM Magwheel	1201	Frequency - Quadrature	NPN	NEMA 56C, 143TC	Yes	AL	
<a href="#">DRK-___TC</a>	199SM Magwheel	1101/2-RK	Frequency - Single	NPN	NEMA 182, 213, 254TC	Yes	AL	
<a href="#">QDRK-___TC</a>	199SM Magwheel	1202	Frequency - Quadrature	NPN	NEMA 182, 213, 254TC	Yes	AL	